

Product Evaluation

SK17 | 0222

Engineering Services Program

The following product has been evaluated for compliance with the wind loads specified in the International Residential Code (IRC) and the International Building Code (IBC).

This product evaluation is not an endorsement of this product or a recommendation that this product be used. The Texas Department of Insurance has not authorized the use of any information contained in the product evaluation for advertising, or other commercial or promotional purpose.

This product evaluation is intended for use by those individuals who are following the design wind load criteria in Chapter 3 of the IRC and Section 1609 of the IBC. The design loads determined for the building or structure shall not exceed the design load rating specified for the products shown in the limitations section of this product evaluation. This product evaluation does not relieve a Texas licensed engineer of his responsibilities as outlined in the Texas Insurance Code, the Texas Administrative Code, and the Texas Engineering Practice Act.

For more information, contact TDI Engineering Services Program at (800) 248-6032.

Evaluation ID: SK-17

Effective Date: February 1, 2022

Re-evaluation Date: October 2023

Product Name: Series STT 21" Self-Flashed, Sun-Tek Tube Skylights, Non-Impact Resistant

Manufacturer: Sun-Tek Skylights
10303 General Drive
Orlando, FL 32824
(800) 334-5854

General Description:

System	Description	Label Rating	Design Pressure Rating (psf)
1	Series STT 21" Self-Flashed, Sun-Tek Tube Skylights	CW-PG80 28x28-TDD	+80/-80

Product Dimensions:

System	Dome Size	Dome Rise	Flashing Size
1	21"	9-3/8"	27-3/4" x 27-3/4"

Product Identification (Certification Label on Skylight):

System		
1	Certification Agency	NAMI
	Manufacturer’s Name or Code Name	Sun-Tek Manufacturing, Inc.
	Product Name	STT Tubular Skylight
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08

Impact Resistance:

System	Impact resistant	Requirement
1	No	Provide an impact protective system when installing the product in areas that require windborne debris protection.

Acceptance of Smaller Assemblies: STT Skylights series with smaller diameter domes are acceptable within the limitations specified in this report.

Roof Slope: The skylight must be installed on roofs with a minimum 2:12 roof slope.

Roof Construction: Asphalt shingle roofs.

Installation:

General: The assembly must be installed in accordance with the manufacturer’s installation instructions and this product evaluation. Detailed drawings and installation instructions are available from the manufacturer.

Installation:

The roof deck must be minimum 7/16" thick OSB. A plywood deck of equal or greater thickness is acceptable. The assembly is secured to the roof deck using the flange of the assembly with minimum No. 8 x 1" Phillips pan head screws. Locate the fasteners along the perimeter of the flange a maximum of 2-1/2" on center. The fasteners must be long enough to penetrate a minimum of 1/4" below the underside of the roof deck.

Note: Keep the manufacturer’s installation instructions available on the job site during installation. Use corrosion resistant fasteners as specified in the IRC and the IBC.